

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (cancelled).

Claim 2 (cancelled).

Claim 3 (cancelled).

Claim 4 (cancelled).

Claim 5 (cancelled).

Claim 6 (currently amended). A method of producing a bioactive peptide, wherein said peptide is 7 to 25 amino acids in length, has at least 4 cationic amino acids and is capable of forming an amphipathic α -helix, which method comprises identification of a cationic sector and division of the remaining part of the peptide into three further sectors which are substantially equal in size, incorporation into the sector opposite the cationic sector of no more than 1 bulky and lipophilic amino acids and incorporation into the two sectors flanking the cationic sector of 2 or more bulky and lipophilic amino acids.

Claim 7 (cancelled).

Claim 8 (currently amended) A method as claimed in claim ~~7~~ 6 wherein one or more of the bulky and lipophilic amino acids ~~having a two fused ring R group~~ is tryptophan or an analogue thereof.

Claim 9 (currently amended). A method as claimed in claim 6 ~~or 8~~ wherein all of the bulky and lipophilic amino acids ~~having a two fused ring R group~~ are tryptophan or analogues thereof.

Claim 10 (cancelled).

Claim 11 (currently amended). A method as claimed in ~~claim 1 or 7~~ claim 6, 8 or 9 wherein the peptide is 12 to 25 amino acids in length.

Claim 12 (cancelled).

Claim 13 (currently amended). A ~~peptide method~~ method as claimed in ~~claim 12 which~~ claim 6, 8, 9 or 24 wherein the peptide comprises at least 7 cationic residues.

Claim 14 (cancelled).

Claim 15 (cancelled).

Claim 16 (cancelled).

Claim 17 (cancelled).

Claim 18 (currently amended). A method of treating benign or malignant tumours or preventing or reducing metastasis which

comprises administration to a patient in need thereof, an amount of a peptide produced by the method of ~~claim 1 or 7 or a peptide as claimed in claim 12 or 13~~ claim 6 which is sufficient to destroy or reduce the tumour in size or number or prevent or reduce metastasis.

Claim 19 (currently amended). A pharmaceutical composition comprising a peptide produced by the method of ~~claim 1 or 7 or a peptide as claimed in claim 12 or 13~~ claim 6 together with a physiologically acceptable diluent, carrier or excipient.

Claim 20 (currently amended) A method for the production of a pharmaceutical composition comprising a method of peptide production as claimed in ~~claim 1 or 7~~ claim 6 and mixing of the compound prepared thereby or a derivative thereof with a pharmaceutically acceptable carrier.

Claim 21 (cancelled).

Claim 22 (cancelled).

Claim 23 (cancelled).

Claim 24 (new). A method as claimed in claim 6, 8 or 9 wherein the peptide comprises at least 5 cationic residues.